

# Osmar Damian Prestes

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/5273374/osmar-damian-prestes-publications-by-citations.pdf>

**Version:** 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

89  
papers

1,787  
citations

23  
h-index

39  
g-index

95  
ext. papers

2,151  
ext. citations

3.5  
avg, IF

4.98  
L-index

#	Paper	IF	Citations
89	Simultaneous determination of pesticides, biopesticides and mycotoxins in organic products applying a quick, easy, cheap, effective, rugged and safe extraction procedure and ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2011</b> , 1216-1227	4.5	133
88	Development of a fast multiresidue method for the determination of pesticides in dry samples (wheat grains, flour and bran) using QuEChERS based method and GC/MS. <i>Food Chemistry</i> , <b>2011</b> , 125, 1436-1442	8.5	130
87	Method validation for the analysis of 169 pesticides in soya grain, without clean up, by liquid chromatography-tandem mass spectrometry using positive and negative electrospray ionization. <i>Journal of Chromatography A</i> , <b>2007</b> , 1142, 123-36	4.5	118
86	QuEChERS: um método moderno de preparo de amostra para determinação multirresíduo de pesticidas em alimentos por métodos cromatográficos acoplados à espectrometria de massas. <i>Química Nova</i> , <b>2009</b> , 32, 1620-1634	1.6	113
85	Optimization of a QuEChERS based method by means of central composite design for pesticide multiresidue determination in orange juice by UHPLC-MS/MS. <i>Food Chemistry</i> , <b>2016</b> , 196, 25-33	8.5	99
84	Method validation and comparison of acetonitrile and acetone extraction for the analysis of 169 pesticides in soya grain by liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2009</b> , 1216, 4539-52	4.5	87
83	Evaluation of alternative sorbents for dispersive solid-phase extraction clean-up in the QuEChERS method for the determination of pesticide residues in rice by liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , <b>2016</b> , 39, 1945-54	3.4	66
82	Determination of pesticides in coconut ( <i>Cocos nucifera</i> Linn.) water and pulp using modified QuEChERS and LC-MS/MS. <i>Food Chemistry</i> , <b>2016</b> , 213, 616-624	8.5	51
81	Simultaneous Determination of Multiclass Pesticides and Antibiotics in Honey Samples Based on Ultra-High Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 1638-1653	3.4	46
80	Single and binary adsorption of sulfonamide antibiotics onto iron-modified clay: linear and nonlinear isotherms, kinetics, thermodynamics, and mechanistic studies. <i>Applied Water Science</i> , <b>2018</b> , 8, 1	5	44
79	Optimization by Central Composite Design of a Modified QuEChERS Method for Extraction of Pesticide Multiresidue in Sweet Pepper and Analysis by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2015</b> , 8, 728-739	3.4	38
78	An effective method for pesticide residues determination in tobacco by GC-MS/MS and UHPLC-MS/MS employing acetonitrile extraction with low-temperature precipitation and d-SPE clean-up. <i>Talanta</i> , <b>2016</b> , 161, 40-47	6.2	38
77	A simple and efficient method for imidazolinone herbicides determination in soil by ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2015</b> , 1412, 82-9	4.5	34
76	Indiscriminate use of glyphosate impregnates river epilithic biofilms in southern Brazil. <i>Science of the Total Environment</i> , <b>2019</b> , 651, 1377-1387	10.2	31
75	"Modern agriculture" transfers many pesticides to watercourses: a case study of a representative rural catchment of southern Brazil. <i>Environmental Science and Pollution Research</i> , <b>2020</b> , 27, 10581-10598 <sup>5.1</sup>	5.1	28
74	Multiresidue determination of pesticides in drinking water by gas chromatography-mass spectrometry after solid-phase extraction. <i>Journal of the Brazilian Chemical Society</i> , <b>2009</b> , 20, 918-925	1.5	28
73	Principais técnicas de preparo de amostra para a determinação de resíduos de agrotóxicos em água por cromatografia líquida com detecção por arranjo de diodos e por espectrometria de massas. <i>Química Nova</i> , <b>2011</b> , 34, 1604-1617	1.6	27

72	Evaluation of an alternative fluorinated sorbent for dispersive solid-phase extraction clean-up of the quick, easy, cheap, effective, rugged, and safe method for pesticide residues analysis. <i>Journal of Chromatography A</i> , <b>2017</b> , 1514, 36-43	4.5	26
71	Evaluation of the rotating disk sorptive extraction technique with polymeric sorbent for multiresidue determination of pesticides in water by ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2017</b> , 1516, 54-63	4.5	26
70	Development and validation of a method for the analysis of pyrethroid residues in fish using GC-MS. <i>Food Chemistry</i> , <b>2019</b> , 297, 124944	8.5	24
69	Simultaneous LCMS/MS Determination of Imidazolinone Herbicides Together with Other Multiclass Pesticide Residues in Soil. <i>Clean - Soil, Air, Water</i> , <b>2014</b> , 42, 1441-1449	1.6	24
68	QuEChERS: possibilidades e tendências no preparo de amostra para determinação multirresíduo de pesticidas em alimentos. <i>Scientia Chromatographica</i> , <b>2011</b> , 3, 51-64	1	24
67	Determination of pesticide residues and related compounds in water and industrial effluent by solid-phase extraction and gas chromatography coupled to triple quadrupole mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2013</b> , 405, 7697-709	4.4	23
66	Ecological risk of pesticide contamination in a Brazilian river located near a rural area: A study of biomarkers using zebrafish embryos. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 190, 110071	7	23
65	Optimization of sample preparation by central composite design for multi-class determination of veterinary drugs in bovine muscle, kidney and liver by ultra-high-performance liquid chromatographic-tandem mass spectrometry. <i>Food Chemistry</i> , <b>2018</b> , 246, 404-413	8.5	22
64	Simultaneous determination of the quaternary ammonium pesticides paraquat, diquat, chlormequat, and mepiquat in barley and wheat using a modified quick polar pesticides method, diluted standard addition calibration and hydrophilic interaction liquid chromatography coupled to tandem mass spectrometry. <i>Journal of Chromatography A</i> , <b>2019</b> , 1592, 101-111	4.5	21
63	Determination of Pesticide Residues in Soy-Based Beverages Using a QuEChERS Method (with Clean-Up Optimized by Central Composite Design) and Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 369-378	3.4	19
62	Multiresidue determination of pesticides in crop plants by the quick, easy, cheap, effective, rugged, and safe method and ultra-high-performance liquid chromatography tandem mass spectrometry using a calibration based on a single level standard addition in the sample. <i>Journal of Chromatography A</i> , <b>2017</b> , 1526, 119-127	4.5	19
61	Protective effect of quercetin against oxidative stress induced by oxytetracycline in muscle of silver catfish. <i>Aquaculture</i> , <b>2018</b> , 484, 120-125	4.4	19
60	Dilution standard addition calibration: A practical calibration strategy for multiresidue organic compounds determination. <i>Journal of Chromatography A</i> , <b>2016</b> , 1460, 84-91	4.5	19
59	Extração em Fase Sólida Dispersiva na determinação de resíduos e contaminantes em alimentos. <i>Scientia Chromatographica</i> , <b>2012</b> , 4, 227-240	1	19
58	Comparison of several extraction procedures for the determination of biopesticides in soil samples by ultrahigh pressure LC-MS/MS. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 861-8	3.4	18
57	Optimization and validation of a multiresidue method for pesticide determination in maize using gas chromatography coupled to tandem mass spectrometry. <i>Analytical Methods</i> , <b>2015</b> , 7, 359-365	3.2	17
56	Determination of Pesticide Residues in Golden Berry ( <i>Physalis peruviana</i> L.) by Modified QuEChERS Method and Ultra-High Performance Liquid Chromatography-Tandem Quadrupole Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 320-329	3.4	17
55	Occurrence and fate of pharmaceuticals in effluent and sludge from a wastewater treatment plant in Brazil. <i>Environmental Technology (United Kingdom)</i> , <b>2021</b> , 42, 2292-2303	2.6	17

54	Disturbance of energetic homeostasis and oxidative damage provoked by trichlorfon as relevant toxicological mechanisms using silver catfish as experimental model. <i>Chemico-Biological Interactions</i> , <b>2019</b> , 299, 94-100	5	16
53	Multiclass Method for the Determination of Pesticide Residues in Oat Using Modified QuEChERS with Alternative Sorbent and Liquid Chromatography with Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2019</b> , 12, 2835-2844	3.4	13
52	A multiclass method for the determination of pharmaceuticals in drinking water by solid phase extraction and ultra-high performance liquid chromatography-tandem mass spectrometry. <i>Analytical Methods</i> , <b>2019</b> , 11, 2333-2340	3.2	13
51	Determination of pesticides and related compounds in water by dispersive liquid-liquid microextraction and gas chromatography-triple quadrupole mass spectrometry. <i>Analytical Methods</i> , <b>2014</b> , 6, 5020	3.2	13
50	Determination of pesticide residues in coconut tree trunks by modified QuEChERS method and ultra-high-performance liquid chromatography coupled to triple quadrupole tandem mass spectrometry. <i>Analytical Methods</i> , <b>2015</b> , 7, 4237-4245	3.2	12
49	Building Block Lactic Acid from Rice Husks and Agave Bagasse. <i>Waste and Biomass Valorization</i> , <b>2016</b> , 7, 1495-1507	3.2	12
48	Development of a Multiresidue Method for Pesticide Analysis in Drinking Water by Solid Phase Extraction and Determination by Gas and Liquid Chromatography with Triple Quadrupole Tandem Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , <b>2015</b> ,	1.5	11
47	A comparison of adsorption equilibrium, kinetics and thermodynamics of aqueous phase clomazone between faujasite X and a natural zeolite from Kenya. <i>South African Journal of Chemistry</i> , <b>2015</b> , 68, 245-252	1.8	11
46	Miniaturized QuEChERS method for determination of 97 pesticide residues in wine by ultra-high performance liquid chromatography coupled with tandem mass spectrometry. <i>Analytical Methods</i> , <b>2020</b> , 12, 2682-2692	3.2	10
45	Assessment of River Water Quality in an Agricultural Region of Brazil Using Biomarkers in a Native Neotropical Fish, <i>Astyanax</i> spp. (Characidae). <i>Bulletin of Environmental Contamination and Toxicology</i> , <b>2020</b> , 104, 575-581	2.7	10
44	Comprehensive Method Validation for the Determination of 170 Pesticide Residues in Pear Employing Modified QuEChERS Without Clean-Up and Ultra-High Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2018</b> , 11, 556-577	3.4	10
43	A Simple and Fast Method for the Determination of 20 Veterinary Drug Residues in Bovine Kidney and Liver by Ultra-High-Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2017</b> , 10, 854-864	3.4	10
42	Balls-in-tube matrix solid phase dispersion (BiT-MSPD): An innovative and simplified technique for multiresidue determination of pesticides in fruit samples. <i>Journal of Chromatography A</i> , <b>2020</b> , 1612, 4606-4610	4.5	10
41	Modified QuEChERS Method for Multiresidue Determination of Pesticides in Pecan Nuts by Liquid Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2020</b> , 13, 793-801	3.4	10
40	Ecological impacts of pesticides on <i>Astyanax jacuhiensis</i> (Characiformes: Characidae) from the Uruguay river, Brazil. <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 205, 111314	7	9
39	Organophosphate pesticide trichlorfon induced neurotoxic effects in freshwater silver catfish <i>Rhamdia quelen</i> via disruption of blood-brain barrier: Implications on oxidative status, cell viability and brain neurotransmitters. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2019</b> , 219, 26-33	3.2	9
38	Determination of organochlorine pesticides (OCPs) in breast milk from Rio Grande do Sul, Brazil, using a modified QuEChERS method and gas chromatography-negative chemical ionisation-mass spectrometry. <i>International Journal of Environmental Analytical Chemistry</i> , <b>2018</b> , 98, 1005-1016	1.8	9
37	Design of experiments and method development <b>2020</b> , 589-608		8

36	Behavioral impairment and neurotoxic responses of silver catfish <i>Rhamdia quelen</i> exposed to organophosphate pesticide trichlorfon: Protective effects of diet containing rutin. <i>Comparative Biochemistry and Physiology Part - C: Toxicology and Pharmacology</i> , <b>2021</b> , 239, 108871	3.2	8
35	Determination of Six Synthetic Dyes in Sports Drinks by Dispersive Solid-Phase Extraction and HPLC-UV-Vis. <i>Journal of the Brazilian Chemical Society</i> , <b>2017</b> ,	1.5	7
34	O estado da arte na determina� de res�duos de medicamentos veterin�rios em alimentos de origem animal empregando t�cnicas cromatogr�ficas acopladas � espectrometria de massas. <i>Quimica Nova</i> , <b>2013</b> , 36, 697-710	1.6	7
33	Bar adsorptive microextraction (BAE) with a polymeric sorbent for the determination of emerging contaminants in water samples by ultra-high performance liquid chromatography with tandem mass spectrometry. <i>Analytical Methods</i> , <b>2018</b> , 10, 697-705	3.2	6
32	Fungicide and insecticide residues in rice grains. <i>Acta Scientiarum - Agronomy</i> , <b>2017</b> , 39, 9	0.6	6
31	Potential environmental toxicity of sewage effluent with pharmaceuticals. <i>Ecotoxicology</i> , <b>2020</b> , 29, 1315-1326	2.6	6
30	The impact of postnatal leuprolide acetate treatment on reproductive characteristics in a rodent model of polycystic ovary syndrome. <i>Molecular and Cellular Endocrinology</i> , <b>2017</b> , 442, 125-133	4.4	5
29	Use of Factorial Design in the Development of Multiresidue Method for Determination of Pesticide Residues in Wheat by Liquid Chromatography-Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 2541-2551	3.4	5
28	A new gas chromatography/mass spectrometry (GC-MS) method for the multiresidue analysis of pesticides in bread. <i>Journal of the Brazilian Chemical Society</i> , <b>2010</b> , 21, 1065-1070	1.5	4
27	Compostagem de efluente su�o no tratamento de res�duos de f�rmacos veterin�rios. <i>Semina: Ci�ncias Agr�rias</i> , <b>2019</b> , 40, 2813	0.6	3
26	Seasonal factors driving biochemical biomarkers in two fish species from a subtropical reservoir in southern Brazil: An integrated approach. <i>Environmental Pollution</i> , <b>2020</b> , 266, 115168	9.3	3
25	Vibrational extraction QuEChERS for analysis of antiparasitic agents in fish by liquid chromatography coupled with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2019</b> , 411, 6913-6929	4.4	3
24	Development of a Fast Method for the Determination of the Insecticide Fipronil and its Metabolites in Environmental Waters by SPE and GC-ECD. <i>Journal of the Brazilian Chemical Society</i> , <b>2013</b> ,	1.5	3
23	Desenvolvimento e valida� de um m�todo anal�tico para a determina� de histamina em vinhos utilizando cromatografia l�quida de alta efici�ncia com detec� por fluoresc�ncia. <i>Quimica Nova</i> , <b>2007</b> , 30, 18-21	1.6	3
22	Protective effects of diet containing rutin against trichlorfon-induced muscle bioenergetics disruption and impairment on fatty acid profile of silver catfish <i>Rhamdia quelen</i> . <i>Ecotoxicology and Environmental Safety</i> , <b>2020</b> , 205, 111127	7	3
21	Preserved riparian forest protects endangered forest-specialists amphibian species against the genotoxic impact of sunlight and agrochemicals. <i>Biological Conservation</i> , <b>2020</b> , 249, 108746	6.2	3
20	Mobilization and transport of pesticides with runoff and suspended sediment during flooding events in an agricultural catchment of Southern Brazil. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 39370-39386	5.1	3
19	Evaluation of QuEChERS Sample Preparation and Gas Chromatography Coupled to Mass Spectrometry for the Determination of Pesticide Residues in Grapes. <i>Journal of the Brazilian Chemical Society</i> , <b>2016</b> ,	1.5	3

18	Quality of Meliponinae honey: Pesticides residues, pollen identity, and microbiological profiles. <i>Environmental Quality Management</i> , <b>2018</b> , 27, 39-45	0.8	3
17	RICE SEED TREATMENT AND RECOATING WITH POLYMERS: PHYSIOLOGICAL QUALITY AND RETENTION OF CHEMICAL PRODUCTS. <i>Revista Caatinga</i> , <b>2017</b> , 30, 920-927	0.6	2
16	Pesticide multiresidue determination in rice paddy water by gas chromatography coupled with triple quadrupole mass spectrometry. <i>Journal of AOAC INTERNATIONAL</i> , <b>2014</b> , 97, 987-94	1.7	2
15	Polymer coating in soybean seed treatment and their relation to leaching of chemicals. <i>Revista Ambiente &amp; Água</i> , <b>2020</b> , 15, 1	0.8	2
14	Biochemical and Behavioral Responses in Zebrafish Exposed to Imidacloprid Oxidative Damage and Antioxidant Responses. <i>Archives of Environmental Contamination and Toxicology</i> , <b>2021</b> , 81, 255-264	3.2	2
13	Removal of High Concentrations of Veterinary Antibiotics Through Co-composting of Swine Waste. <i>Waste and Biomass Valorization</i> , <b>2021</b> , 12, 407-416	3.2	2
12	Experimental reproduction of congenital anomalies in the progeny of cows fed apple pomace during pregnancy. <i>Pesquisa Veterinaria Brasileira</i> , <b>2019</b> , 39, 371-375	0.4	1
11	Effective methods for the determination of triphenyltin residues in surface water and soil samples by high-performance liquid chromatography with tandem mass spectrometry. <i>Analytical Methods</i> , <b>2020</b> , 12, 2323-2330	3.2	1
10	Quantitative Analysis and Method Validation. <i>Chromatographic Science</i> , <b>2015</b> , 303-324		1
9	Organic and conventional agriculture: Conventional rice farming causes biochemical changes in <i>Astyanax lacustris</i> . <i>Science of the Total Environment</i> , <b>2020</b> , 744, 140820	10.2	1
8	Dilution of QuEChERS Extracts Without Cleanup Improves Results in the UHPLC-MS/MS Multiresidue Analysis of Pesticides in Tomato. <i>Food Analytical Methods</i> , <b>2021</b> , 14, 1511-1523	3.4	1
7	Water quality variables and emerging environmental contaminant in water for human consumption in Rio Grande do Sul, Brazil. <i>Environmental Challenges</i> , <b>2021</b> , 5, 100266	2.6	1
6	Advanced Sample Preparation Techniques for Pesticide Residues Determination by HRMS Analysis <b>2017</b> , 131-164		0
5	Environmentally relevant pesticides induce biochemical changes in Nile tilapia ( <i>Oreochromis niloticus</i> ). <i>Ecotoxicology</i> , <b>2021</b> , 30, 585-598	2.9	0
4	Determination of Avermectins Residues in Soybean, Bean, and Maize Using a QuEChERS-Based Method and Ultra-High-Performance Liquid Chromatography Coupled to Tandem Mass Spectrometry. <i>Separations</i> , <b>2021</b> , 8, 214	3.1	
3	Residual effects and foliar persistence of pesticides used in irrigated rice on the parasitoid <i>Telenomus podisi</i> (Hymenoptera: Platygasteridae). <i>Journal of Pest Science</i> , <b>2021</b> , 1	5.5	
2	Multiresidue Determination of Fungicides in Wine by Solvent Demulsification-Dispersive Liquid-Liquid Microextraction and Ultra-High Performance Liquid Chromatography Tandem Mass Spectrometry. <i>Food Analytical Methods</i> , <b>2021</b> , 14, 1511-1523	3.4	
1	Critical Evaluation of Analytical Methods for the Determination of Anthropogenic Organic Contaminants in Edible Oils: An Overview of the Last Five Years.. <i>Critical Reviews in Analytical Chemistry</i> , <b>2022</b> , 1-15	5.2	

